

GENERAL NOTES

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT-OF-WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
2. CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE DEPARTMENT OF PUBLIC WORKS, STANDARD DRAWINGS, AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
3. THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AND ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
4. THE CONTRACTOR SHALL CALL IN A LOCATION REQUEST TO UNDERGROUND SERVICE ALERT (USA), PHONE NO. 1-800-227-2600 TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY THE PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
5. ALL SECTIONS ARE PLOTTED LOOKING UPSTREAM.
6. NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAY OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR, A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
7. THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
8. ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
9. ANY TRAFFIC CONTROL STRIPING OBLITERATED AND/OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
10. CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN.
RCFC ENCROACHMENT PERMIT NO. _____
11. THE CONCRETE COVER ON THE INSIDE OF ALL CONCRETE PIPE MUST BE INCREASED TO PROVIDE A MIN. OF 1.5" OVER THE REINFORCING WHEN THE DESIGN VELOCITIES EXCEED 20 FPS. THE CONCRETE DESIGN STRENGTH IN THESE REACHES SHALL BE:
fc = 5000 PSI FOR VELOCITIES EXCEEDING 20 FPS AND
fc = 6000 PSI FOR VELOCITIES EXCEEDING 30 FPS

CONSTRUCTION NOTES:

1. CONSTRUCT JUNCTION STRUCTURE NO. 3 PER RIVERSIDE COUNTY FLOOD CONTROL STANDARD DRAWING NO. JS228, CASE 3-TOP SLAB ENTRANCE. ELEV. "S"=NOT APPLICABLE.
2. CONSTRUCT MANHOLE JM PER CITY OF RIVERSIDE STANDARD DWG. NO. #32. "A"=45'00"00" (LATERALS "A-2" & "A-3", D1=D2=36", E=4.75', L=5.75' C=5.25' (LATERALS "A-2" & "A-3". ELEVATIONS "R" & "S"=SEE PROFILE MAKE D1=D2=36" AND POUR WALL AROUND PIPE. INSTALL WALL AT UPSTREAM END OF MANHOLE (T=SAME AS SIDE WALLS).
3. CONSTRUCT JUNCTION STRUCTURE C PER CITY OF RIVERSIDE STD. DWG. NO. 422. SEE JS C-TABLE OF VALUES ON SHEET NO. 2.
4. CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STANDARD DWG. NO. 405. "W" & "V" SHOWN ON PLAN. INSTALL FOSSIL FILTER AS MANUFACTURED BY KRISTAR ENTERPRISES OR APPROVED EQUAL.
5. CONSTRUCT GRATING CATCH BASIN PER A.P.W.A. STD. PLAN 304-2. NUMBER OF GRATES=1, "V"=SEE PLAN. INSTALL FOSSIL FILTER AS MANUFACTURED BY KRISTAR ENTERPRISES OR APPROVED EQUAL.
6. INSTALL 18" RCP (2500-D) USE CASE I PIPE BEDDING PER CITY OF RIVERSIDE STD. DWG. NO. 452.
7. CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. #24.
8. CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. DWG. NO. 456.

BASIS OF BEARING

BASIS OF BEARING: CENTERLINE OF CENTRAL AVENUE PER RECORD OF SURVEY ON FILE IN BOOK 75, PAGES 62-63, RECORDS OF RIVERSIDE COUNTY, BEING N.89°16'00"E.

EXISTING UNDERGROUND STRUCTURES

THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPE STRUCTURES OR CONDUITS SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF THE AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE, THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE OWNERS OF THE UTILITIES OR STRUCTURES CONCERNED BEFORE STARTING WORK. CONTRACTOR FURTHER ASSUMES ALL LIABILITY AND RESPONSIBILITY FOR THE UNDERGROUND UTILITY PIPES, CONDUITS OR STRUCTURES SHOWN OR NOT SHOWN ON THESE PLANS.

STANDARD DRAWINGS

RIVERSIDE COUNTY FLOOD CONTROL STANDARD DRAWINGS
JS228 JUNCTION STRUCTURE NO. 3

CITY OF RIVERSIDE STANDARD DRAWING

- 405 CATCH BASIN
- 422 JUNCTION STRUCTURE C
- 424 CONCRETE COLLAR
- 432 MANHOLE JM
- 452 PIPE BEDDING
- 453 TRENCH BACKFILL
- 456 TIMBER BULKHEAD

AMERICAN PUBLIC WORKS ASSOCIATION

304-2 GRATING CATCH BASIN

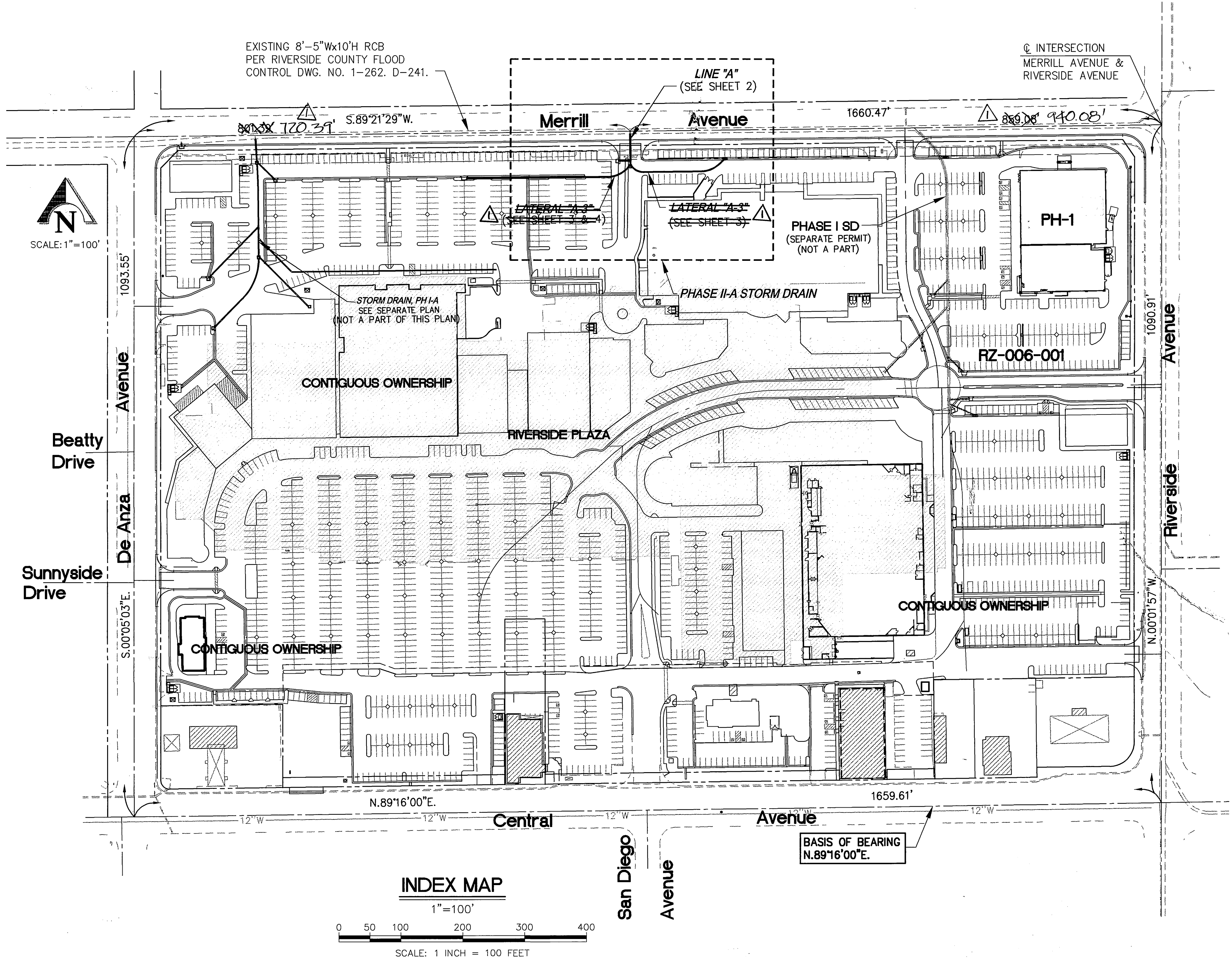
NOTICE TO CONTRACTOR

CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.

BENCHMARK:

POINT I.D.: G6-P3
DATE: 1996
ELEVATION: 845.459

CHISELED SQUARE IN THE SOUTHWEST CORNER OF A CONCRETE CATCH BASIN COVER ON THE SOUTHERLY SIDE OF TIPPERARY WAY, 65 FEET EASTERLY OF THE CENTERLINE OF RIVERSIDE AVENUE.



CITY OF RIVERSIDE - PUBLIC UTILITIES, WATER

APPROVED BY: *[Signature]* DATE: 3/17/03

CITY OF RIVERSIDE - PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND

APPROVED BY: *[Signature]* DATE: 3-11-03

PACIFIC BELL TELEPHONE COMPANY

APPROVED BY: *[Signature]* DATE: 3/12/03

SOUTHERN CALIFORNIA GAS COMPANY

APPROVED BY: *[Signature]* DATE: 3/11/03

Underground Service Alert
Call: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG

PRIVATE ENGINEERING NOTE
CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.

SEAL
REGISTERED CIVIL ENGINEER
EXPIRATION DATE: 3-31-05
DATE: 3-6-03

PREPARED UNDER THE SUPERVISION OF:
[Signature]
REGISTERED CIVIL ENGINEER NO. 38826
EXPIRATION DATE: 3-31-05
DATE: 3-6-03

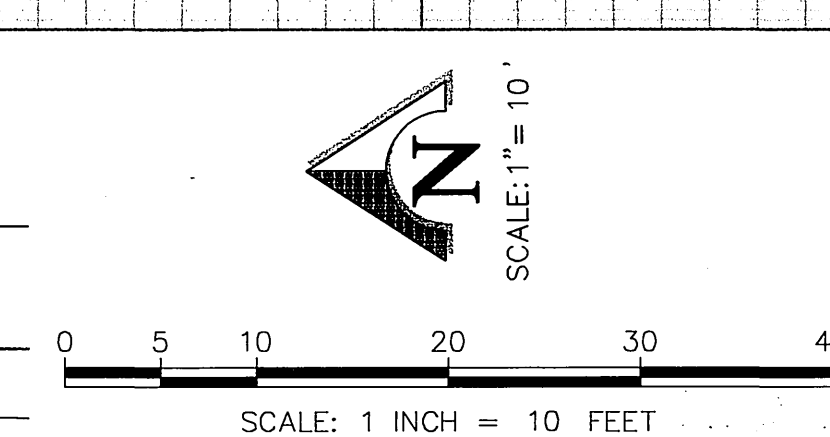
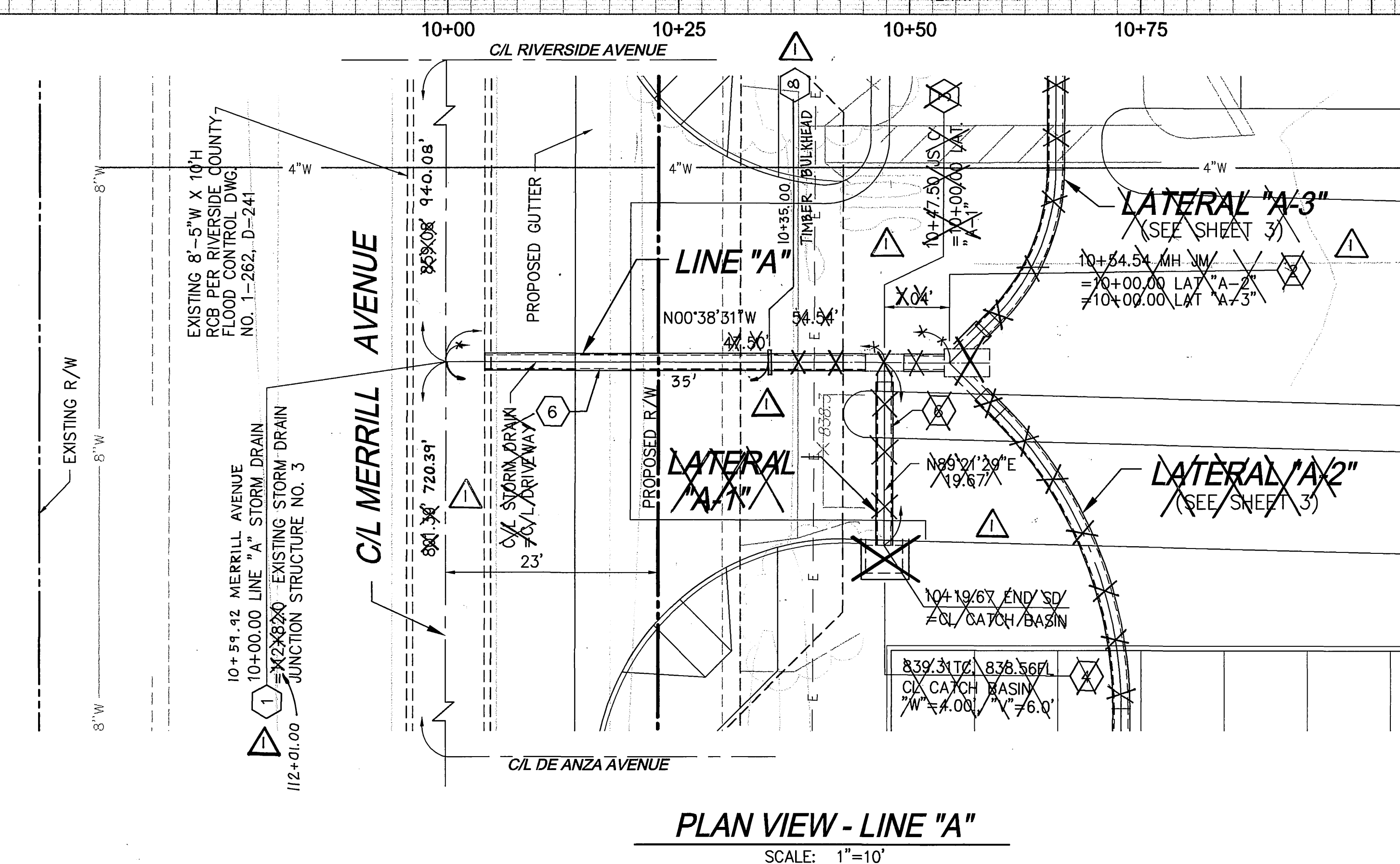
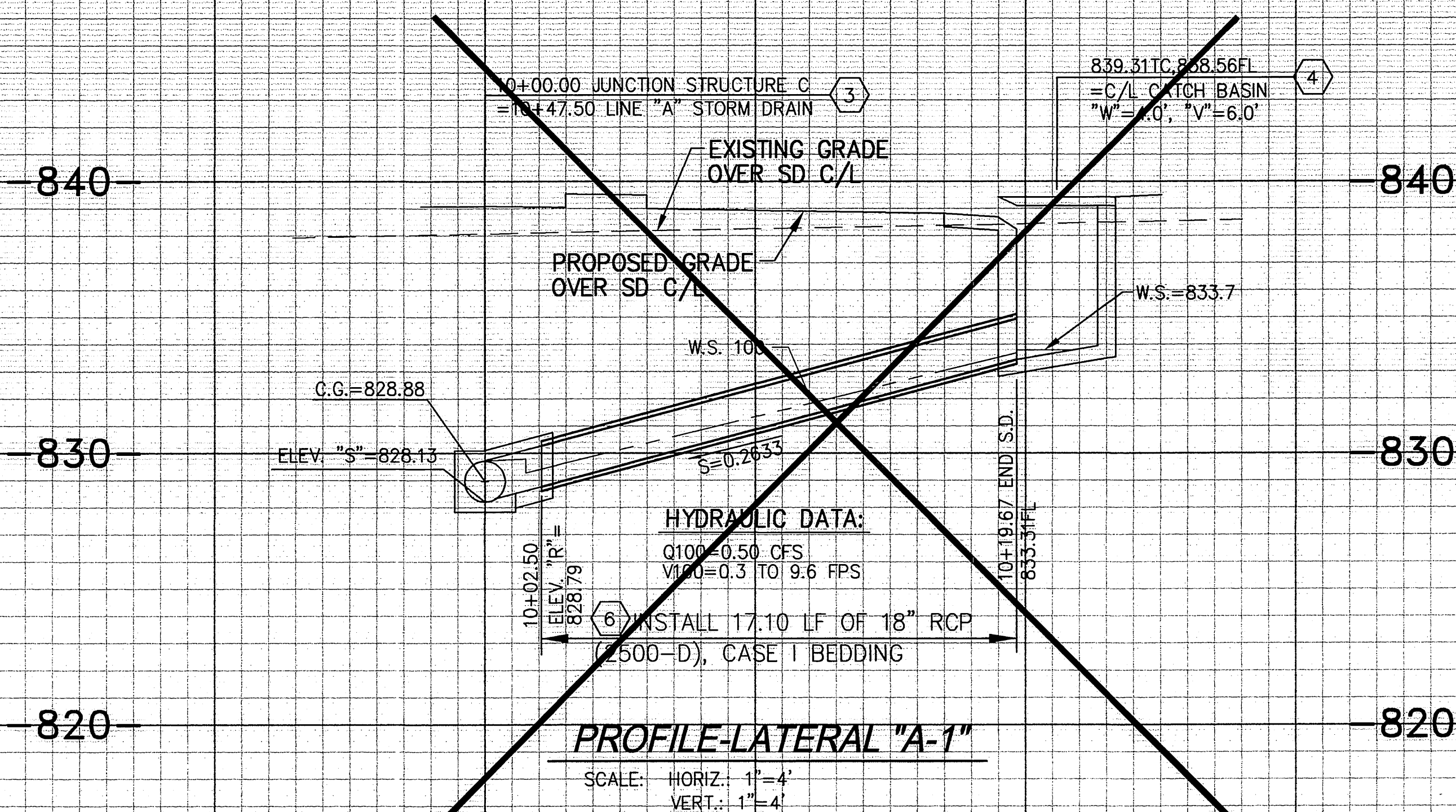
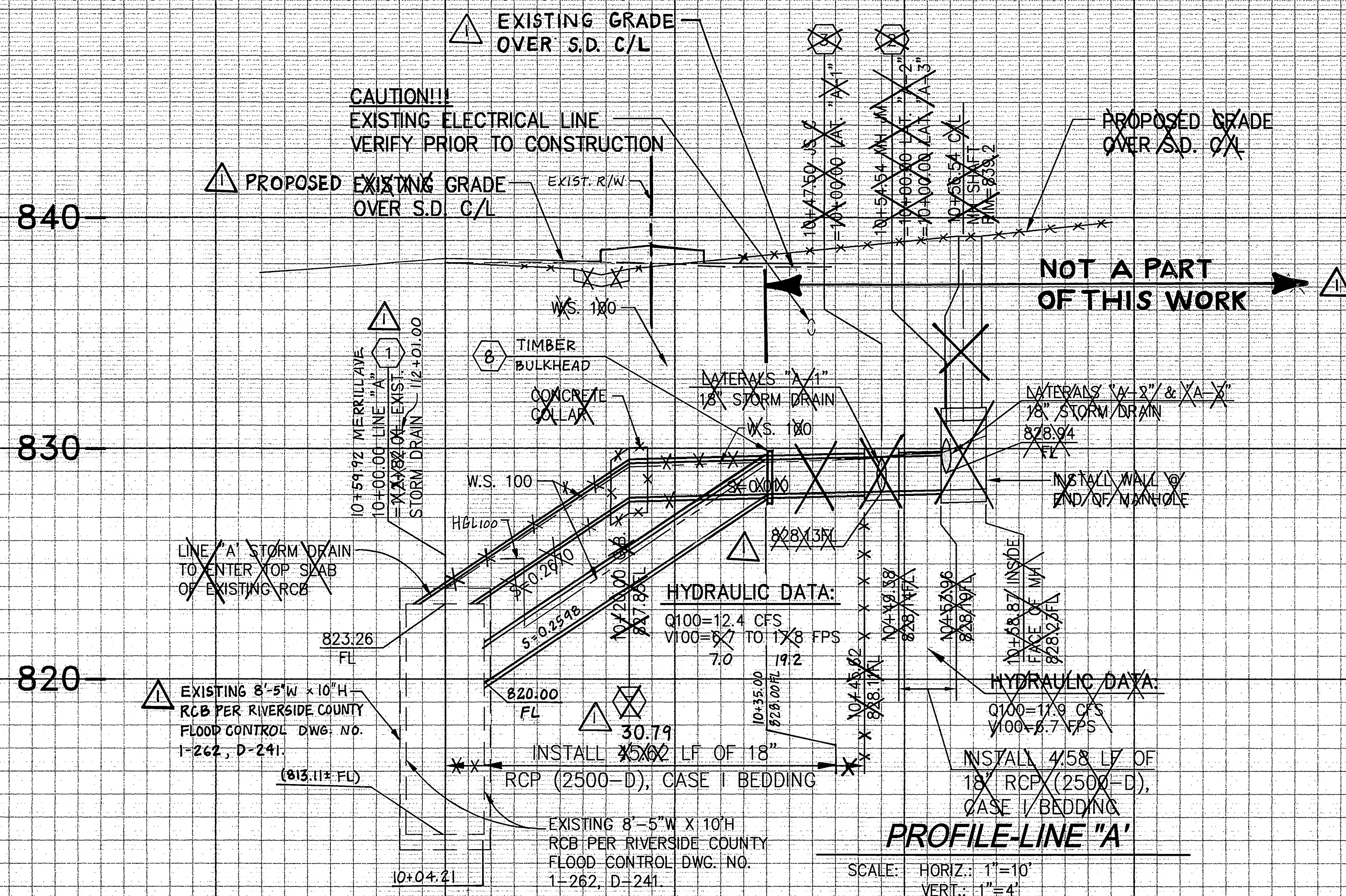
KCT CONSULTANTS, INC.
Civil Engineers - Surveyors - Planners
P.O. Box 5705 Riverside, CA 92517-5705
4344 Latham St., Suite 200, Riverside, CA 92501
Phone: 951/541-4940 Fax: 951/541-4945
e-mail: kctinfo@kctconsultants.com
CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-03
BENCHMARK: SEE ABOVE

DESIGNED BY: T.N.T. DRAWN BY: L.S. CHECKED BY: T.N.T.
REVISIONS
APPR. DATE
MARK

CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT
APPROVED BY: *[Signature]* DATE: 3/17/03
DEPUTY P.W. DIRECTOR
PRINCIPAL ENGINEER
DATE: 5/16/03

STORM DRAIN IMPROVEMENT PLAN
RIVERSIDE PLAZA STORM DRAIN PLAN
PHASE II-A STORM DRAIN
TITLE SHEET
RZ-006-001
HORIZ. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN
ACCOUNT NO. D-719
SHEET 1 OF 2
FILE NO.: 1235-01

INDEXED 11-03-03



JUNCTION STRUCTURE C
TABLE OF VALUES

ITEM	LINE "A"
"A"	90'00"00"
"B"	18"
"C"	2.50'
"D"	18"
"E"	2.30'
"L"	2.60'
ELEV. "R"	828.73
ELEV. "S"	828.13

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- CONSTRUCT CONCRETE COLLAR PER CITY OF RIVERSIDE STD. DWG. NO. 456.
- CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. DWG. NO. 456.

CITY OF RIVERSIDE - PUBLIC UTILITIES, WATER APPROVED BY: <i>[Signature]</i> DATE: 3/11/03 PRIVATE ENGINEERING NOTE CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR SHALL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.		CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT-ELECTRIC OVERHEAD & UNDERGROUND APPROVED BY: <i>[Signature]</i> DATE: 3/11/03 SEAL: <i>[Seal]</i>		PACIFIC BELL TELEPHONE COMPANY APPROVED BY: <i>[Signature]</i> DATE: 3/11/03 SEAL: <i>[Seal]</i>		SOUTHERN CALIFORNIA GAS COMPANY APPROVED BY: <i>[Signature]</i> DATE: 3/11/03 SEAL: <i>[Seal]</i>	
Undergroud Service Alert Call: TOLL FREE 1-800-227-2600 TWO WORKING DAYS BEFORE YOU DIG		PREPARED UNDER THE SUPERVISION OF: TEREITO N. TABOLO REGISTERED CIVIL ENGINEER NO. 38826 EXPIRATION DATE: 3-31-05 DATE: 3-6-03		KCT CONSULTANTS, INC. Civil Engineers - Surveyors - Planners P.O. Box 5705 Riverside, CA 92517-5705 4344 Latham St., Suite 200, Riverside, CA 92501 Phone: 951-514-8940 Fax: 951-514-8945 e-mail: kct@kctconsultants.com CITY BUSINESS TAX CERTIFICATE NO.: 069540 EXP. DATE: 04-07-03 BENCHMARK: SEE SHEET NO. 1		CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT APPROVED BY: <i>[Signature]</i> DATE: 3/11/03 DEPUTY P.W. DIRECTOR PRINCIPAL ENGINEER DESIGNED BY: T.N.T. DRAWN BY: L.S. CHECKED BY: T.N.T.	
STORM DRAIN IMPROVEMENT PLAN RIVERSIDE PLAZA STORM DRAIN PLAN PHASE II-A STORM DRAIN LINE "A" AND LATERAL "A-1" RZ-006-001 HORIZ. SCALE: AS SHOWN VERT. SCALE: 1"=4' INDEXED 11-03-03		ACCOUNT NO. D-719 SHEET 2 OF 2 FILE NO.: 1235-01		*AS-BUILT 3-02-04			